

Appl. No.: 09/465,415

Amdt. dated: November 24, 2003

Reply to Office action of 08/28/2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A method of processing data comprising the steps of:
(a) copying said data to a data block formatted for digital video; and
(b) storing said data block on a storage medium in a digital video storage format.

Claim 2 (original): The method of claim 1 wherein said storage medium comprises a digital video tape.

Claim 3 (original): The method of claim 1 further comprising the step of copying said data block to a payload portion of an isochronous data transfer packet.

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Claim 4 (original): The method of claim 1 further comprising the step of repeating said copying of said data to another said data block.

Claim 5 (original): A method of storing MPEG transport stream data on a digital video recorder comprising the steps of:
(a) copying said transport stream data to a video data block of a digital video frame; and
(b) storing said digital video frame on a storage medium.

Claim 6 (original): The method claim 5 wherein said storage medium comprises a digital video tape.

Claim 7 (original): The method of claim 5 further comprising the step of copying said digital video frame into an isochronous data transfer packet.

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Claim 8 (original): The method of claim 5 further comprising the step of repeating said copying of said transport stream data to another said video data block.

Claim 9 (original): The method of claim 8 wherein said another video data block is a data element of another said digital video frame.

Claim 10 (original): A method of storing MPEG transport stream data with a digital video recorder comprising the steps of:

- (a) copying said transport stream data to a data block of a digital video frame;
- (b) copying said digital video frame to an isochronous data packet;
- (c) extracting said digital video frame from said isochronous data packet; and
- (d) storing said digital video frame in a storage medium.

Claim 11 (original): The method of claim 10 further comprising the step of repeating said copying of said transport stream data to another data block.

Claim 12 (original): The method of claim 11 wherein said another video data block is a data element of another said digital video frame.

Claim 13 (original): A method of storing MPEG transport stream data on a digital video recorder comprising the steps of:

- (a) copying said transport stream data into an isochronous data transfer packet;
- (b) extracting said transport stream data from said isochronous data transfer packet;
- (c) copying said transport stream data to a video data block of a digital video frame; and
- (d) storing said digital video frame.

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Claim 14 (original): The method of claim 13 further comprising the step of repeating said copying of said transport stream data to another data block.

Claim 15 (original): The method of claim 14 wherein said another video data block is a data element of another said digital video frame.

Claim 16 (original): A method of storing MPEG transport stream data with a digital video recorder comprising the steps of:

- A1 cont'd*
- (a) accumulating a quantity of said transport stream data equal to a digital video frame data quantity;
 - (b) copying said quantity of said transport stream data to a data block of a digital video frame;
 - (c) repeating said copying of said quantity of said transport stream data to another said data block as another said quantity of transport stream data is accumulated;
 - (d) copying at least one said digital video frame including said data block to a data transfer packet;
 - (e) extracting said at least one digital video frame from said data transfer packet; and
 - (f) storing said at least one digital video frame.

Claim 17 (original): A method of storing MPEG transport stream data with a digital video recorder comprising the steps of:

- (a) copying said transport stream data to a data transfer packet;
- (b) extracting said transport stream data from said data transfer packet;
- (c) accumulating a quantity of said transport stream data equal to a digital video frame data quantity;
- (d) copying said quantity of said transport stream data to a data block of a digital video frame;

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- (e) repeating said copying of said quantity of said transport stream data to another said data block as another said quantity of transport stream data is accumulated; and
- (f) storing said digital video frame.

Claim 18 (original): An apparatus for storing data with a digital video recorder comprising:
(a) an accumulation buffer to accumulate a predetermined quantity of said data; and
(b) a frame packetizer to copy said data to a data block of a digital video frame.

A' cont'd
Claim 19 (original): The apparatus of claim 18 further comprising:
(a) a transfer packet encoder to copy said digital video frame to a data transfer packet; and
(b) a depacketizer to extract said digital video frame from said data transfer packet for storage.

Claim 20 (canceled): A method of processing data comprising the steps of:
(a) copying a digital video data block containing said data from a storage medium;
(b) extracting said data from said digital video data block; and
(c) formatting said data in a format other than the format of said digital video data block.

Claim 21 (canceled): The method of claim 20 wherein said storage medium comprises a digital video tape.

Claim 22 (canceled): The method of claim 23 further comprising the step of copying said formatted data to a payload portion of an isochronous data transfer packet.

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Claim 23 (canceled): The method of claim 20 wherein the step of copying said digital video data block from said storage medium comprises the steps of:

- (a) copying said digital video data block to a payload portion of an isochronous data transfer packet; and
 - (b) extracting said digital video data block from said isochronous data transfer packet.
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